

**Table 2-3.** Trends in TNMOC, NO<sub>x</sub>, and Selected VOC Species

All Site Types					Type 2 Sites					Median % Change	
Total	All Sites <sup>a</sup>		Stat. Significant <sup>b</sup>		Total	All Sites <sup>a</sup>		Stat. Significant <sup>b</sup>			
	Up	Down	Up	Down		Up	Down	Up	Down	All Sites	Type 2 Sites
28	4	23	0	14	14	2	12	0	7	-32	-36
63	16	33	0	7	25	6	16	0	2	-8	-9
21	1	15	0	7	12	0	10	0	4	-42	-40
17	0	14	0	5	10	0	9	0	3	-40	-39
22	0	18	0	8	11	0	10	0	4	-30	-36
22	8	5	0	0	12	3	4	0	0	0	0
22	0	18	0	12	12	0	12	0	9	-35	-43
22	2	19	0	7	12	0	11	0	4	-29	-38
22	0	20	0	9	12	0	12	0	6	-31	-33
20	0	16	0	8	12	0	11	0	6	-36	-36
20	4	12	0	4	11	0	9	0	4	-38	-57

TNMOC = Total nonmethane organic compound.

<sup>a</sup>Indicates sign of trend regardless of statistical significance.<sup>b</sup>Indicates sign of trend at sites where trend is statistically significant at the 95% confidence level.**Notes:**

1 The number of sites listed in the up and down columns indicates the number of PAMS locations at which the 1995–2001 trend in 6–9 a.m. average concentration is in the indicated direction. The number of sites in the total column may not equal the total of the up and down columns—either because the non-parametric trend estimate for some sites is identically zero or the trend at many sites is not statistically significant.

2 Theil's two-sided nonparametric significance test for the slope was used to assess statistical significance at the 95% confidence level consistent with the methodology used in previous National Air Quality and Emissions Trends reports. Note that these results are not adjusted for multiple comparisons.